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Results 1 - 100 of about 715. (0.27 se

[PDF] ► Multiband prototype waveform analysis synthesis for very low bit rate **speech** codingK Yaghmaie, AM Kondoz - ... CONFERENCE ON ACOUSTICS SPEECH AND ..., 1997 - nats-
www.informatik.uni-hamburg.de... applying the inverse transform, a **phase jitter** is introduced ... produced by ran- domising
their **phase** in the ... IEEE transactions on speech and **audio** processing, 1(4 ...

Cited by 9 - Related articles - View as HTML - BL Direct - All 6 versions

[PDF] ► Secure real time **speech** transmission over the Internet: performance analysis and ...

M Rocetti - SUMMER COMPUTER SIMULATION CONFERENCE, 2000 - scs.org

... Subsequently, the installation **phase** takes place and the encrypted ... and based on the
consideration that **jitter** and disorder ... the temporal order of an **audio** stream ...

Cited by 3 - Related articles - View as HTML - BL Direct - All 2 versions

Oversampled analogue-to-digital conversion for digital **audio** systems

TF Darling, MOJ Hawksford - 85th AES convention, LA, preprint, 1988 - aes.org

... Analogue antialising ... possess nonlinear **phase**, ripple in ... to constrain the
clock **jitter** to < 100 ... have found applications in **audio**, **speech** and telephony ...

Cited by 3 - Related articles - All 2 versions

Encoding and decoding of auditory signals in relation to human **speech** and its application ...

N Dillier, T Spillmann, UP Fisch, LJ Leiser - International Journal of Audiology, 1980 - informahealthcare.com

... are much sharper than with acoustical stimulation, reflecting less **jitter** in **phase**lock histograms ... Signals in Relation to Human **Speech** 155 SOUND SIGNAL AñAÍ ...

Cited by 13 - Related articles - All 4 versions

[PDF] ► Integrating networks measurements and **speech** quality subjective scores for control ...

S Mohamed, F Cervantes-Perez, H Afifi - IEEE INFOCOM, 2001 - Citeseer

... loss rate, packetization interval, arrival **jitter**, loss distribution ... Section IV exhibits
the training **phase** of the ... a certain level of **audio/speech** quality [1]. ...

Cited by 53 - Related articles - View as HTML - BL Direct - All 7 versions

Sinusoidal coding

AW J Oomen, AC Den Brinker - US Patent App. 09/885,707, 2001 - Google Patents

... the quality of the synthesized **speech**, avoiding the ... coder, an **audio** player, an **audio**
system, an ... an advan- tageous way of applying **phase jitter** by transmitting ...

All 6 versions

CHAPTER? SPEECH PROCESSING STANDARDS

AN Iice - ... speech processing: speech coding, synthesis, and ..., 1992 - books.google.com

... other added analog impairment such as delay distortion, non-linear distortion and

phase jitter), for 2400 b ... 4 shows **audio** quality for **speech** and music ...

Related articles

Audio quality assessment in packet networks: an inter-subjective neural network model- ► psu.edu [PDF]

S Mohamed, F Cervantes, H Afifi - Proceedings of the IEEE 15th International Conference ..., 2001 -

doi.ieeecomputersociety.org

phase jitter audio or speech encode - Google Scholar

... complete discussion for packet loss, delay **jitter** and the ... To construct the **audio** database, we chose a variation ... The scoring **phase** is in compliance with the MOS ...
Cited by 14 - Related articles - All 7 versions

Multimedia systems: An overview- ► [fau.edu \[PDF\]](#)

B Furht - IEEE Multimedia, 1994 - doi.ieeecomputersociety.org

... Group National Television Systems Committee **phase** alternating line ... include an algorithm for compressing **audio** data at ... has low access latency and low **jitter** ...

Cited by 168 - Related articles - All 9 versions

[PDF] ► Adaptive delay concealment for Internet voice applications with packet-based time-scale ...

F Lin, JW Kim, CCJ Kuo - ... CONFERENCE ON ACOUSTICS SPEECH AND ..., 2001 - Citeseer

... 200 250 300 350 400 450 500 **phase** plot 2 ... delay modeling parameters to generate the delay **jitter** statis- tics ... FEC-based error con- trol for packet **audio** in the ...

Cited by 53 - Related articles - View as HTML - BL Direct - All 20 versions

Neurobiologic responses to **speech** in noise in children with learning problems: deficits and ...-

► [northwestern.edu \[PDF\]](#)

J Cunningham, T Nicol, SG Zecker, A Bradlow ... - Clinical Neurophysiology, 2001 - Elsevier

... If there is excessive neural '**jitter**', which might occur ... It reflects brain-stem-generated, **phase**-locked responses ... CV ratio) was -18 dB sound pressure level ...

Cited by 79 - Related articles - All 20 versions

[PDF] ► Real-Time **Audio** Subjective Quality Assessment in Packet Networks

S Mohamed, F Cervantes, H Afifi - NETWORKING AND INFORMATION SYSTEMS ..., 2000 - Citeseer

... the examples gathered during the operation **phase**, new training ... addition, the delay and the delay **jitter** are also ... is confirmed by most Internet **audio** tools [24 ...

Cited by 3 - Related articles - View as HTML - BL Direct - All 2 versions

The **sound** manifesto- ► [arxiv.org \[PDF\]](#)

MJ O'Donnell, I Bisnovatyi - Arxiv preprint cs/0007014, 2000 - arxiv.org

... flutter in the **phase** and random **jitter** in the ... to the time-frequency to amplitude-**phase** function, but ... also be char- acterized by specific **audio** contexts, such ...

Cited by 1 - Related articles - View as HTML - All 7 versions

Speech-processing strategies designed for children

GE Loeb - Otolaryngology-Head and Neck Surgery, 1997 - Elsevier

... the effect on **speech** information and sound quality during ... to reduce distortion produced by neural **phase** locking is to introduce temporal **jitter** in the ...

Cited by 5 - Related articles - BL Direct - All 3 versions

Neurophysiologic bases of **speech** discrimination

N Kraus, T McGee, TD Carrell, A Sharma - Ear and Hearing, 1995 - journals.lww.com

... of intrinsic versus dynamic properties of sound. ... different stimuli (tones in versus out of **phase**). ... Pathways for **Encoding** Different **Speech** Contrasts Topographic ...

Cited by 126 - Related articles - BL Direct - All 3 versions

[PDF] ► Auditory pathway **encoding** and neural plasticity in children with learning problems

N Kraus - Audiology and Neuro-Otology, 2001 - communication.northwestern.edu

... specific neural syn- chrony to **speech**-sound elements. ... If there is excessive neural **jitter**, which might ... It reflects brainstem-generated, **phase**-locked responses ...

Cited by 22 - Related articles - View as HTML - BL Direct - All 10 versions

Speech coding system and method including adaptive finite impulse response filter

phase jitter audio or speech encode - Google Scholar

ML Grabb, SR Koch, GW Brooksby, RL Zinser ... - US Patent 6,081,776, 2000 - Google Patents
 ... represent extracted parameters of the original **speech** sound. ... LP analysis techniques
 to original **speech** samples. ... vocoder system comprises an **encoder** component ...
 Cited by 9 - Related articles - All 2 versions

Image encoding and synthesis

WJ Welsh, BA Fenn, P Challener - US Patent 4,841,575, 1989 - Google Patents
 ... 4,841,575 1 2 (c) an **audio** input for receiving ... and during the learning (and transmission)
phase is consistent ... and 10 showed some registration **jitter**, but this ...
 Cited by 25 - Related articles - All 6 versions

Time-frequency interpolation with application to low rate **speech** coding

Y Shoham - US Patent 5,577,159, 1996 - Google Patents
 ... the corresponding wave- form tends to sound smooth even ... spectral sequence Y(n,K)
 and **phase** ^m(m) which ... TFI decoding depending on whether the **speech** is voiced ...
 Cited by 2 - Related articles - All 7 versions

Network quality of service monitoring for IP telephony

BV Ghita, SM Furnell, BM Lines, D Le-Foll, EC ... - Internet Research: Electronic Networking Applications ..., 2001
 - ingentaconnect.com
Jitter. ... a H.323 conference is classified in streams, as follows: **audio** (coded **speech** ...
 The call begins with a call signalling **phase** ± signalling messages (Q.931 ...
 Cited by 2 - Related articles - BL Direct - All 5 versions

[PDF] ► Development of a loss-resilient internet **speech transmission method**

NTL Le, 1999 - Citeseer
 ... our contribution to improve the reliability in determining **phase** and periodicity ...
 an additional time needed to buffer look-ahead **audio** data samples ... 2.1.2 **Jitter** ...
 Cited by 8 - Related articles - View as HTML - All 4 versions

[PDF] ► Audio-to-visual conversion for multimedia communication

RR Rao, T Chen, RM Mersereau - IEEE Transactions on Industrial Electronics, 1998 - itu.dk
 ... 4 and 6. The output would **jitter** between the ... these alternatives had a training **phase**
 which required ... [6] Q. Summerfield, "Lipreading and **audio**-visual **speech** ...
 Cited by 34 - Related articles - View as HTML - BL Direct - All 8 versions

Method and apparatus for adjusting the sampling **phase** of a digitally encoded signal in a ...

JK Cheng, NS Lin, M Touniguan, K Suzuki - US Patent 5,400,368, 1995 - Google Patents
 ... of ifies that communication between a base unit and a 40 adjusting the sampling
phase of a ... In a wireless The **audio** codec 30 implements the **speech** A to D ...
 Cited by 13 - Related articles - All 2 versions

[PDF] ► Simulation of FEC-based error control for packet **audio on the Internet**

M Podolsky, C Romer, S McCanne - IEEE INFOCOM, 1998 - Citeseer
 ... While packet reordering and **jitter** can be effectively accommodated with ... lossy, com-
 pressed version of the **audio** signal is ... inal bit-stream at a **phase** offset of ...
 Cited by 114 - Related articles - View as HTML - BL Direct - All 11 versions

[CITATION] PAPERS SCHEDULED TO BE PUBLISHED IN THE NEXT ISSUE November 1997

A Hussain, JJ Soraghan, TS Durrani, ES ... - Transactions, 1997
 All 2 versions

Method and apparatus for hybrid coding of **speech** at 4kbps

A Gersbo, E Shlomoef, V Cuperman, C Li - US Patent App. 09/777,424, 2001 - Google Patents

phase jitter audio or speech and encode - Google Scholar

... [0012] [9] WB Kleijn, "encoding speech using prototype ... Speech, Audio Process., vol 5, pp. ... X. Sun, F. Plante, B, MG Cheetham, and K. WT Wong, "Phase modeling of ...
Cited by 18 - Related articles - All 6 versions

FEATURE EXTRACTION

GF Snoerenburg, DOFCOF SPEECH, GF ... - The psychophysics of speech perception, 1987 - books.google.com
... information about speech signals at higher sound levels, the ... Since the external phase
reference is not available to ... will be lost because of time jitter in the ...

Related articles

... enhancement algorithm for mixed excitation linear predictive (MELP) and other speech ...

T Unno, TP Barnwell, KK Truong - US Patent App. 09/991,387, 2001 - Google Patents

... Z1 Plosive Residual Template 31 Synthesized Speech FIG. 7 ... for Fourier Magnitude 64

Random Phase Noise Generator ... an isolated aspiration preceding a vowel sound. ...

Cited by 4 - Related articles - All 4 versions

[PDF] ► A Study on the Application of an AMR Speech Codec to VoIP

JW Seo, SJ Woo, KS Baek ... CONFERENCE ON ACOUSTICS SPEECH AND ..., 2001 - eee.umassd.edu

... in time to allow synchronization and jitter calculations. ... Audio codec G.711, G.722

G.723.1 G ... 704, Digital cellular telecommunication system(Phase 2+); Adaptive ...

Cited by 13 - Related articles - View as HTML - BL Direct - All 5 versions

Cochlear implant system for an auditory prosthesis

PA Crosby, CN Daly, DK Money, JF Patrick, ... - US Patent 4,532,930, 1985 - Google Patents

... adjacent the ear to receive data information and power through tuned coil (5) using

an inductive link (6) from a patient-wearable external speech processor (7 ...

Cited by 59 - Related articles - All 6 versions

Flexible synchronization framework for multimedia streams having inserted time stamp

A Basso, J Ostermann - US Patent 6,177,928, 2001 - Google Patents

... and jitter 20 compensation, such as Phase Locked Loops ... the presence of large amounts
of jitter, and that ... animation parameter data, video data, audio data, and ...

Cited by 4 - Related articles - All 2 versions

Is the AES/EBU/SPDIF digital audio interface flawed? - ► sealatech.co.uk [PDF]

C Dunn, MO Hawksford - PREPRINTS-AUDIO ENGINEERING SOCIETY, 1992 - aes.org

... "Phase Intermodulation Distortion - Instrumentation and Measurement at ... Effect of
Timing Jitter," BBC Research ... 92nd Convention of the Audio Engineering Society ...

Cited by 8 - Related articles - BL Direct - All 4 versions

[CITATION] PAPERS SCHEDULED TO BE PUBLISHED IN THE NEXT ISSUE DECEMBER 1997

GD Brushe, V Krishnamurthy, LB White - Transactions, 1997

All 2 versions

[PDF] ► Speech coding: A tutorial review

AS Spanias - Proceedings of the IEEE, 1994 - xanthippi.eeid.upatras.gr

... and Golden in a paper entitled "Phase Vocoder" [87 ... have proved to be particularly
versatile in speech applications. ... diagram of the G.721 CCITT encoder [22] is ...

Cited by 283 - Related articles - BL Direct - All 9 versions

Multi-Channel High-Definition Digital Audio Systems for High-Density Compact Disk

MO Hawksford - PREPRINTS-AUDIO ENGINEERING SOCIETY, 1996 - aes.org

... between system non linearity and correlated jitter should be ... of DM with time-quantized
phase modulation[16 ... additional requirement for a DVD-audio transport is ...

[BL Direct](#)**[BOOK] Telecommunications measurements, analysis, and instrumentation**

K Feher, 1997 - books.google.com

... I Intrinsic **Jitter** Measurements, 172 6.6 **Jitter** Tolerance Measurements ... 6 Summary of the **Phase-Detector Method** ... A/D) conversion of **audio (speech)**, television and ...

Cited by 52 - Related articles - Library Search - All 3 versions

[PDF] ► Evaluating **speech quality in large wireless networks: a case for hybrid simulation**

HK Wu, CH Hung, M Gerla, R Bagrodia - IEEE INTERNATIONAL CONFERENCE ON ..., 1998 - Citeseer

... Data **Phase** ... Sampling and Quantization The sampling rate is de- termined by the **audio** device, ... at the receiver in order to absorb in part the packet delay **jitter**. ...

Cited by 1 - Related articles - View as HTML - BL Direct - All 5 versions

[BOOK] Vector quantization and signal compression

A Gersho, RM Gray, 1993 - books.google.com

... Sampling Schemes 60 3.5 Sampling **Jitter** 65 3.6 ... Encoding 555 15.1 Delayed Decision Encoder 555 15.2 Tree ... applied to signals such as **speech**, **audio**, images, and ...

Cited by 4671 - Related articles - All 2 versions

... controlled wavetable-modification instrument and method for generating musical **sound**

AR Strong - US Patent 4,622,877, 1986 - Google Patents

... Kris a real-val- ued modification **phase** pointer that ... A first operation (**audio** output operation) employs the Jr ... of a random com- ponent called "**jitter**", which is ...

Cited by 16 - Related articles - All 4 versions

Process for digitizing **speech**

A Schloss - US Patent 5,157,727, 1992 - Google Patents

... To determine the coefficients and **phase** angles of the ... In the IEEE Transaction on **Audio** and Electraoustics, Vol ... time but at the expense of noise (time-jitter). ...

Cited by 4 - Related articles - All 4 versions

[PDF] ► Mobile radio communications

R Steele, L Hanzo, 1995 - supcom.mnlncom.in

... 553 6.2.6 Viterbi Equalisation of Digital **Phase** Modulation687 8.4.2 The RPE-LTP **Speech Encoder**

Cited by 890 - Related articles - View as HTML - Library Search - All 8 versions

... psychological testing or programming with mapped patient responses provided to **encoder.**

PA Crosby, CN Daly, DK Money, JF Patrick, 1987 - freepatentsonline.com

... mode, if there is a period where the sound level is ... frame, and thus there will be no **jitter** between stimulus ... of the stimulation pulse, **phase** 1 and **phase** 2 as ...

All 2 versions

A new approach to the cochlear implant.- ► nih.gov [PDF]

E Douek - Proceedings of the Royal Society of Medicine, 1977 - pubmedcentral.ncbi.gov

... temporal '**jitter**' which accompanies the **phase-locking** ... At higher fre- quencies the **jitter** becomes comparable ... the essential nature of **speech** sound differences in ...

Cited by 23 - Related articles - All 5 versions

Phase-locking in the cochlear nerve of the guinea-pig and its relation to the receptor potential ...

AR Palmer, JJ Russell - Hearing Research, 1986 - Elsevier

... allowed us to calculate the filtering effect of such **jitter** (by the ... References Allen, JB (1983): Magnitude and **phase**-frequency response to single tones ... **Audio!** ...

phase jitter audio or speech encode - Google Scholar

Cited by 194 - Related articles - All 3 versions

[PDF] ► IMT-2000 standards: Network aspects

R Pandya, D Grillo, E Lycksell, P Mieybegue, ... - IEEE Personal Communications, 1997 - comsoc.org
... 2 is envisaged as augmenting **phase** I with ... quality; security requirements and mechanisms;
audio, video, and ... **Speech Services** **Speech** services will continue to ...

Cited by 85 - Related articles - View as HTML - BL Direct - All 2 versions

[PDF] ► The impacts of errors and delays on the performance of MPEG2 video communications

A Mechaoua, R Boutaba - IEEE International Conference On Acoustics, Speech, ... 1999 - Citeseer
... itself as color distortions, loss of **audio**/video synchronization ... This implies that
a decoder's **jitter** tolerance will be ... but by the design of the **phase-lock-loop** ...

Cited by 10 - Related articles - View as HTML - All 9 versions

[PDF] ► Sound-source recognition: A theory and computational model

KD Martin, 1999 - Citeseer

... Structured-**audio encoding**: As noted ... a seven-speaker playback setup if the **audio** material
was ... Movie soundtracks could include **speech** tracks in multiple languages ...

Cited by 168 - Related articles - View as HTML - All 10 versions

Speech support in wireless, multihop networks

H Wu, CH Hung, M Gerla, R Bagrodia - ... Symposium on Parallel Architectures, Algorithms, and ..., 1997 -
doi.ieeecomputersociety.org

... The control **phase**, see Figure 2 supports the communications ... The sampling rate is
determined by the **audio** device ... to absorb some of the packet delay **jitter** ...

Cited by 6 - Related articles - All 5 versions

[PDF] ► Transmission of multimedia data over lossy networks

M Isenburg - INTERNATIONAL COMPUTER SCIENCE INSTITUTE- ..., 1996 - Citeseer

... sender receiver interference FIGURE 4. diminishing of a **speech** signal sender ... **audio**
signal FIGURE 8. abrupt degradation of an **audio** signal **jitter** **jitter** **jitter** ...

Cited by 11 - Related articles - View as HTML - BL Direct - All 8 versions

Digital data transcoder with relaxed internal decoder/coder interface frame **jitter** ...

DG Morrison - US Patent 5,764,298, 1998 - Google Patents

... amounts of **jitter** j. (as a **phase** lag) since or ... an **encoder** can determine the **jitter**
reduce the ... or overflow, videophone-quality pictures including sound can be ...

Cited by 8 - Related articles - All 2 versions

Processing of the auditory-nerve code for **speech** by populations of cells in the ...

MB Sachs, CC Blackburn, B MI, X Wang - The Auditory processing of speech: from sounds to ..., 1992 -
books.google.com

... after about 20 ms because of accumulated **jitter** in the ... because of dendritic filtering
and the only **phase-locking** is ... that of low-SR ANFs at high sound levels. ...

Cited by 2 - Related articles

[PDF] ► Characterisation of plosive, fricative and aspiration components in **speech production**

PJB Jackson, 2000 - Citeseer

... 2.17 Measured and predicted sound spectra for specimen 2. ... 5.20 PSHF performances
on synthetic signals with **jitter** and shimmer. ... and **phase** difference). ...

Cited by 13 - Related articles - View as HTML - All 8 versions

[PDF] ► Speech Support in Wireless, Mobile, and Multihop Networks

H Wu, M Gerla, R Bagrodia - Proc. Nat. Sci. Council, ROC (A, 2000 - dr.stpi.org.tw

phase jitter audio or speech encode - Google Scholar

... Frame control **phase** data **phase** ... Quantization: The sampling rate is determined by the **audio** device. ... receiver in order to absorb in part the packet delay **jitter**. ...

Cited by 1 - Related articles - View as HTML - BL Direct - All 3 versions

[CITATION] CO-CHANNEL INTERFERENCE COMPARISON FOR CONVENTIONAL LAND MOBILE ...

SN CARNEY - IEEE Vehicular Technology Conference, 1984 - Institute of Electrical and Electronics Engineers
Related articles

Speech perception as a function of electrical stimulation rate: using the Nucleus 24 ...

AE Vandal, LA Whitford, KL Plant, ... - Ear and Hearing, 2000 - journals.lww.com

... quoted are thus average rates with 10% time **jitter**. ... Frequency (Hz) Pulse Width (μsec)

Inter-Phase Gap (μsec ... tests were conducted in a sound- attenuated booth ...

Cited by 81 - Related articles - BL Direct - All 3 versions

Postnatal development of the phase-locked response to low frequency tones of auditory nerve ...

► jueurosci.org [PDF]

RE Kettner, JZ Feng, JF Brugge - Journal of Neuroscience, 1985 - Soc Neuroscience

... temporal information are important for sound localization (Rose ... of complex sounds such as **speech** (Young and ... course of development of the **phase**-locked response ...

Cited by 32 - Related articles - All 6 versions

[PDF] ► INTERACTIONS BETWEEN SPEECH CODERS AND DISORDERED SPEECH

MC Price, 1997 - collectionscanada.gc.ca

... 93 Appendix C Description of **speech** coders 95 ... Appendix

F Voice quality rating scales **Phase** 1 104 ...

Related articles - View as HTML - All 3 versions

Generic Conversion of Communication Media for supporting Personal Mobility- ► psu.edu [PDF]

T Pfeifer, R Popescu-Zeletin - Lecture Notes in Computer Science, 1996 - Springer

... on a specific service computer, eg **speech** synthesis, while ... 9 **Audio** can be reduced in sample size ... from compression loss, and is specifically sensitive to **jitter**. ...

Cited by 10 - Related articles - BL Direct - All 8 versions

[CITATION] MICROPROCESSOR CONTROLLED MUSIC PERFORMANCE IN THE HOME-OF-THE- ...

J Coornnaads, HT Moustah - Canadian Communications & Power Conference[.... 1980 - Institute of Electrical and Electronics Engineers

Related articles

AMI Decoder apparatus

VM Hernandez - US Patent 4,267,595, 1981 - Google Patents

... site and could be indicative of an **audio** signal and ... to re-**encode** the AMI data and hence, reduce **jitter**. ... as compared to prior art uses of the **phase** locked loop ...

Cited by 21 - Related articles - All 2 versions

[PDF] ► A perceptual representation of **audio**

DPW Ellis, 1992 - Citeseer

... 'jitter' have been shown to be important in ... as the **phase** vocoder [Dols86] or the McAulay-Quatieri ... to hide quantization artefacts in recent **audio** compression ...

Cited by 17 - Related articles - View as HTML - All 12 versions

[CITATION] PAPERS SCHEDULED TO BE PUBLISHED IN THE NEXT ISSUE MARCH 1999

SK Wilson, JM Cioffi - Transactions, 1999

phase jitter audio or speech and encode - Google Scholar

Voice transmission in an IEEE 802.11 WLAN based access network ► psu.edu [PDF]

A Köpsel, A Wolisz - Proceedings of the 4th ACM international workshop on ..., 2001 - portal.acm.org

... on a polling scheme avoiding the contention **phase** as used ... can determine from the

generation timestamps the variation (**jitter**) of **audio** packets successfully ...

Cited by 69 - Related articles - All 14 versions

TRANSMISSION SYSTEM FOR TRANSMITTING A MULTIMEDIA SIGNAL

WRT Ten Kate, R Taori - US Patent App. 09/478,080, 2000 - Google Patents

... to deal with the actual amount of **jitter** present in ... in case the multimedia signal

comprises an **audio** signal and ... For the **phase** $\angle[k][i]$ of the current frame can ...

All 2 versions

[PDF] ► Knowing what you don't know: roles for confidence measures in automatic **speech** ...

DAG Williams, 1999 - Citeseer

... LMJ(q k) Language model **jitter** score for q k vii ... differences, such as vocal tract

length which affects the fundamental frequency of a **speech** sound, and socio ...

Cited by 35 - Related articles - View as HTML - All 6 versions

[CITATION] PAPERS SCHEDULED TO BE PUBLISHED IN THE NEXT ISSUE MAY 1998

JK Cavers, J Kim, P Ho, AJ Cummings, LW ... - Transactions, 1998

Time and Pitch Scaling of **Audio** Signals

CJ Roehrig - Proc. 89, sup. th AES Convention, Los Angeles, ..., 1990 - acs.org

... To shift the pitch of an **audio** signal it is ... be perceived, with the impression of

a lower **jitter** frequency. ... would be caused by discarding the **phase**, rather than ...

Cited by 1 - Related articles

Peripheral encoding of behaviorally relevant acoustic signals in a vocal fish: harmonic and ...

JR McKibben, AH Bass - Journal of Comparative Physiology A: Neuroethology, ..., 2001 - Springer

... This sound level is within the range expected at a midshipman nest (Bass and ... relative

to F0 will also occur at a certain **phase** relative to ... (Any **jitter** would be ...)

Cited by 20 - Related articles - BL Direct - All 3 versions

A hybrid approach to the variable speed replay of digital **audio**

PS Gaskell - J. Audio Eng. Soc, 1987 - acs.org

... is also necessary that the appropriate **phase** p of ... Signals--Subjective Effect of Timing

Jitter." BBC Research ... for a Winchester-based digital **audio** editing and ...

Related articles - All 3 versions

[PDF] ► SPEECH MATERIAL ON SHORT-TERM MEMORY PERFORMANCE

A Reinrich, 2000 - tspace.library.utoronto.ca

... loss of **phase-locking** in frequency coding. ... this technique, distortion cm be introduced

to a digitized sound. ... temporarily distorted with a RMS **jitter** of 10 and a ...

Related articles - View as HTML - All 4 versions

Apparatus and method for generating noise in a digital receiver

JF Correlier, P Royer, DG Cason, JR Uribe - US Patent 5,864,799, 1999 - Google Patents

... decoded frame of **speech** data creates **audio** voids in ... volume of the noise in the **speech**

signal at ... alternatively define a measure of **phase jitter**, timing **jitter** ...

Cited by 1 - Related articles - All 2 versions

Apparatus for improved underwater acoustic telemetry utilizing **phase** coherent ...

JG Proakis, J Catipovic, M Stojanovic - US Patent 5,301,167, 1994 - Google Patents

... TO A VCMICCTOM CVCTCX/TS sound velocity profiles ... Acoust., SUMMARY OF THE INVENTION

phase jitter audio or speech and encode - Google Scholar

Speech, Signal Processing ... on the ap- 0% This **phase jitter** corrected output is ...

Cited by 14 - Related articles - All 4 versions

Quality VoIP—an engineering challenge

RJB Reynolds, AW Rix - BT Technology Journal, 2001 - Springer

... important design consideration for dynamic **jitter** buffers is ... allow the transmission of **audio** frequencies up ... **Speech** and music contain many components at higher ...

Cited by 42 - Related articles - BL Direct - All 5 versions

Method and apparatus to determine the frequency and time slot position in a digital ...

JK Cheng, NS Lin, MH Touriguan - US Patent 5,491,726, 1996 - Google Patents

... DQPSK Receiver Match Filter for Sync Word 2nd Order PLL Sampling **Phase** Adj. Signal

FKJ. 9 Page 6. ... The **audio** codec 30 implements the **speech** A to D and ...

Cited by 9 - Related articles - All 2 versions

Low-complexity transform coder for satellite link applications

G Davidson, L Fielder, M Antill - Proc. 89th Conv. Aud. Eng. Soc, 1990 - aes.org

... A **phase** locked loop (PLL) is used to generate all sample and data timing in both the **encoder** and decoder. ... Timing **jitter** in the sampled **audio** data is ...

Cited by 15 - Related articles

Auditory Prostheses-A Challenge for Neurophysiology- ► isa-audiology.org [PDF]

P Finkenzeller - International Journal of Audiology, 1980 - informahealthcare.com

... their activity, thus producing an apparently systematic **jitter** in the ... 8.0 dB

corresponds to a sound level at ... avec un stimulus à inversion de **phase** nous avons ...

Cited by 1 - Related articles - All 5 versions

Lossless coding for **audio** discs

P Craven, M Gerzon - Journal of the Audio Engineering Society, 1996 - aes.org

... Amplitude differences, **phase** shifts, or time delays between the two ... supplies and the timing and **jitter** of servos ... Minimally Audible Noise Shaping," J. **Audio** Eng ...

Cited by 42 - Related articles - BL Direct - All 3 versions

[BOOK] Signals, sound, and sensation

WM Hartmann, 1997 - books.google.com

... Rayleigh (1842-1919) 34 Measuring Sound Pressure Levels ... 470 The Output Signal 477

Sampling-Jitter Noise 481 ... Distortion and the Audibility of **Phase** 509 Auditory ...

Cited by 234 - Related articles - Library Search - All 4 versions

Neurophysiologic basis for cochlear and auditory brainstem implants- ► psu.edu [PDF]

AR Moller - American Journal of Audiology, 2001 - ASHA

... FIGURE 3. **Phase** locking of discharges in a single guinea ... because of "synaptic **jitter**."

Synaptic **jitter** is a ... **encoding** of rapid changes in sound amplitude by ...

Cited by 2 - Related articles - BL Direct - All 20 versions

[PDF] ► Signal compression based on models of human perception

N Jayant, J Johnston, R Safranek - Proceedings of the IEEE, 1993 - sisip.lzu.edu.cn

... subclass of analog signals such as **speech**, **audio**, and image ... When the terms **coding**, **encoding**, and **decoding** are ... 124], [160], differential delay, and **jitter**, as in ...

Cited by 565 - Related articles - View as HTML - BL Direct - All 5 versions

[PDF] ► A 2.4 KBIT/S MELP CODER CANDIDATE FOR THE NEW US FEDERAL STANDARD

AMCKTE Bryan, GTPBPV Viswanathan - ... IEEE International Conference on Acoustics, Speech, ..., 1996 - www-sipi.technion.ac.il

phase jitter audio or speech and encode - Google Scholar

... Fourier magnitudes of the excitation signal, assuming zero **phase**. ... Fourier magnitudes, bandpass voicing, and **jitter** bits are ... **Speech** and **Audio** Processing, vol. ...
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F Liu, JW Kim, CCJ Kuo - Society of Photo-Optical Instrumentation Engineers (..., 2001 - netmedia.kjist.ac.kr
... is not preserved, there will be a **phase** jump and a ... T G.723.1 and ISO/IEC MPEG-4 **speech/audio** codec, the impact of network loss and delay **jitter** is somewhat ...

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Psychophysical evidence against the autocorrelation theory of auditory temporal processing- ► ioa.ac.cn

[PDF]
C Kaernbach, L Demany - The Journal of the Acoustical Society of America, 1998 - link.aip.org
... "Phase-locked cortical responses to a human **speech** sound and low ... "**Jitter** detection: a brief review and some new experiments," in Psychophysical and ...
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Cochlear implant prosthesis current switching and power supply.

PA Crosby, CN Daly, DK Money, JF Patrick, ..., 1987 - freepatentsonline.com
... frame, and thus there will be no **jitter** between stimulus ... at the start of each output **phase**, improving the ... The **audio** signal is amplified and processed by the ...
All 2 versions

Method and apparatus to adaptively control the frequency of reception in a digital wireless ...

NS Lin, R Subramanian, K Suzuki - US Patent 5,581,579, 1996 - Google Patents
... receives each one of the plurality of discrete binary symbols and determines a **phase** error signal ... The **audio** codec 30 implements the **speech** A to D ...
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L Chevau - EBU Technical Review, 1998 - Citeseer
... circuits - can only offer poor telephone-quality **speech**. ... **audio** and Reed-Solomon error ... PM **Phase** modulation QPSK Quadrature (quaternary) **phase**- shift keying ...
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D MAX-D - Computer, 2000 - cs.ucl.ac.uk
... **Audio**. ... Delay < 400ms: including **jitter**. Low loss preferable: loss tolerant encodings exist. Data rates: **speech** 64Kb/s; "good" music 128Kb/s. Time domain ...
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Variable speed replay of digital **audio** with constant output sampling rate

GWW McNally - US Patent 4,716,472, 1987 - Google Patents
... of m'er- equal to fv but the '**phase**' information in ... Since all the tunings of **audio** data are synchronous with ... Clock **jitter** will be generated for all speeds other ...
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[PDF] ► Video Browsing Using Cooperative Visual and Linguistic Indices

R Jain, A Gupta, A Hampapur, 1996 - dtic.mil
... As part of our **Phase II** development, and for ... camera motion, multiple object motions and camera **jitter**, image flow ... in the **speech** portion of the **audio** track and ...
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System and method for voice Playout in an asynchronous packet network

phase jitter audio or speech and encode - Google Scholar

G Sugar - US Patent 5,790,538, 1998 - Google Patents

... digitizing **speech** by sampling the sound waves and con- The ... Clock Recovery Module 10 generates a **phase** continuous FIFO ... 2 in order to smooth out **jitter** quency is ...

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Signal encode/decode system

KO Johnson, MW Pflaumer ... - US Patent 5,872,531, 1999 - Google Patents

... pre-echo, are subject to sudden **phase** shifts near ... During the **encoding** process, 10

To be inaudible, the ... The processed **audio** or signal becomes encoded to the ...

Cited by 9 - Related articles - All 3 versions

Longitudinal Digital Recording of Audio

RB Wannock - AES preprint, 1976 - aes.org

... code, sometimes known as narrow band **phase** (NB.) or ... control of a local low **jitter** crystal oscillator. ... amplifiers used should exhibit total **audio** band harmonic ...

Cited by 1 - Related articles

Device programming

WH Shapiro - Cochlear implants, 2000 - books.google.com

... level of performance during the early post- stimulation **phase**. ... frequency table, order of stimulation, **jitter**, and Q ... means of affecting changes in sound quality ...

Cited by 7 - Related articles - All 2 versions

System for synchronizing by transmitting control packet to omit blocks from transmission, ...

LA Ehley - US Patent 5,737,531, 1998 - Google Patents

... frame 301c, the video and **audio** streams would be **phase**-shifted and ... are subject to a phenomenon known as "jitter." In particular, the **audio** frames 501a ...

Cited by 14 - Related articles - All 2 versions

Flow synchronization protocol- ► ucl.ac.uk [PS]

J Escobar, C Partridge, D Dutsch - IEEE/ACM Transactions on Networking (TON), 1994 - portal.acm.org

... Section IV), plus the protocol initialization **phase** and protocol ... to synchronize two flows, an **audio** stream and ... digitizing of the signal or **encoding** delays for ...

Cited by 174 - Related articles - BL Direct - All 8 versions

Frication noise modulated by voicing, as revealed by pitch-scaled decomposition- ► iou.ac.cn [PDF]

PJB Jackson, CH Shadle - The Journal of the Acoustical Society of America, 2000 - link.aip.org

... performance was evaluated with three kinds of perturbation: **jitter**, shimmer and ... The anharmonic delay the offset **phase** β and the standard ... **Speech Audio Process**. ...

Cited by 19 - Related articles - BL Direct - All 9 versions

Review of the roles of temporal and place coding of frequency in speech discrimination

AR Möller - Acta oto-laryngologica, 1999 - informahealthcare.com

... auditory system because of the temporal **jitter** associated with ... of auditory neurons in cat to sound stimulation ... **Phase**- locked response to low-frequency tones in ...

Cited by 1 - Related articles - BL Direct - All 6 versions

Method and apparatus for recording compressed variable bitrate **audio** information

AAML Bruckers, W De Haan, JL Bakx, LM Van ... - US Patent 6,320,825, 2001 - Google Patents

... variations or jumps may cause interference or **jitter** in the ... 20 is commanded to reproduce an item of **audio** from the ... rials such as dye, alloy or **phase** change, or ...

Cited by 6 - Related articles - All 2 versions

[PDF] ► Real-time video quality assessment in packet networks: A neural network model

S Mohamed, G Rubino, F Cervantes, H Afifi - ... NATIONAL DE RECHERCHE EN INFORMATIQUE ET ..., 2001
- Citeseer

... reacting to inputs never seen during the training **phase**). ... M, Tanner, J. "The Effects of **Jitter** on the ... Watson, A. and Sasse, MA "Evaluating **Audio** and **Video** ...
Cited by 15 - Related articles - View as HTML - BL Direct - All 9 versions

[PDF] ►Adaptive multicarrier modulation: A convenient framework for time-frequency processing in ...

T Keller, L Hanzo - Proceedings of the IEEE, 2000 - Citeseer

... to-mean envelope fluctuation in OFDM, **phase** noise in ... to their approach, different data **encoding** or mapping ... as the new European digital **audio** broadcasting (DAB ...
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